

GlassBrowserAI Data Flows

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1. Chat -> LLM -> Tool Execution

User -> ChatInterface -> useChat -> openaiService -> window.glass.openai.responses -> OpenAI API
AgentToolAction -> App.tsx action handler -> services/* -> UI + ledger updates

2. TradeLocker Flow

Renderer -> window.glass.tradelocker.* -> ipcMain -> TradeLockerClient
REST calls + streaming -> renderer state hooks (useTradeLocker)

3. Backtest & Optimizer

BacktesterInterface -> backtestResearchService -> tradeLocker history -> backtestEngine
OptimizerLoopService -> optimizer results -> ledger -> setup library/watchers

4. Chart Engine

NativeChartInterface -> chartEngine -> tradelocker.getHistorySeries + quotes
Pattern events -> setupWatcherService -> setup signals -> evidence cards